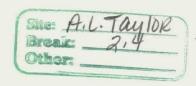
C. Frank Harscher, III Secretary





Julian M. Carroll Governor

COMMONWEALTH OF KENTUCKY

DEPARTMENT FOR NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION BUREAU OF ENVIRONMENTAL PROTECTION DIVISION OF SANITARY ENGINEERING

CENTURY PLAZA 1065 U.S. 127 BYPASS SOUTH FRANKFORT, KENTUCKY 40601

MEMORANDUM

October 5, 1979

T0:

Nick G. Johnson, Director

Division of Sanitary Engineering

THROUGH:

George J. Schureck, Jr. 955

Manager, Field Engineering Branch

FROM:

Roger W. Conn

District Engineer

SUBJECT:

Valley of the Drums Cleanup Plan - Phase I

I have the following comments on the outline of subject plan per the items that relate to the Division of Sanitary Engineering responsibility:

Item 2.b.: Review any disposal strategies or techniques that are developed to insure that the disposal of these materials does not result in the contamination of any water supplies.

Item 2.g.: Suggest that water supplies previously sampled by EPA be periodically, at either three month or six month intervals, sampled to determine if any new contamination of these supplies has occurred due to seepage from the disposal areas.

Item 3.b.: Insure disposal strategy does not pose possible source of contamination to any additional water supplies.

GJS/RWC:oc



STATION #	STATION NAME	FISH	WATER	SEDIMENT	YALVE #1	#2 #1	3
01	Wilson Ck. M.P. 2.8	Chlordane N.D. one sample PCB 0.26	Chlordane N.D. PCB N.D.	Chlordane N.D. PCB's13 mg/Kg 3.0 mg/Kg	composite minnows one s	ample	
02	Wilson Ck. M.P. 1.2	Chlordane N.D. N.D. N.D. PCB N.D. 0.27 0.48	Chlordane N.D. PCB N.D.	N.D. N.D.	Bullhead catfish	Bluegill green sunfish	Creek chubs
03	Northern Ditch M.P. 19.8	Chlordane 2.42 N.D. PCB N.D. 0.22	Chlordane N.D. PCB N.D.	No Data	composite sunfish Creek chub gambusia Warmouth minnows	composite sunfish - minnow Warmouth	
04	Southern Ditch M.P. 0.6 - 1.0	Chlordane 2.97 1.10 PCB N.D. 0.30	Chlordane N.D. PCB N.D.	Chlorodane - Trace <.lmg/kg PCB - Trace <.lmg/kg	composite 3 fatheads 1 bluegill	composite 9 sunfish & 2 minnows	
υ5	Pond Ck. M.P. 7.8	Chlordane 0.15 N.D. PCB N.D. 1.18	Chlordane N.D. PCB N.D.	Chlorodane - Trace <.1 mg/kg PCB - Trace <.1 mg/kg	2 bulheads catfish	composite emerald shiners	•
06	Bee Lick M.P. 1.7	Chlordane N.D. 0.49 0.38 PCB 0.20 ND N.D.	Chlordane N.D. PCB N.D.	No Data	composite suckers	composite 105 chubs	composite sunfish

STATION #	STATION NAME	FTSH	WATER	SEDIMENT	VALVE #1	#2 #3
07	Bee Lick Ck. M.P. 0.6 - 0.7	Chlordane N.D. 0.75 PCB 0.73 N.D.	Chlordane N.D. PCB N.D.	No Data	composite 9 suckers	composite 65 creek chubs
80	Pond Ck. M.P. 1.5	Chlordane N.D. N.D. N.D. PCB 0.41 3.67 2.23	Chlordane N.D. PCB N.D.	Chlorodane - Trace <.1 mg/kg PCB - Trace <.1 mg/kg	fillets spoonbill	fillets fillets buffalo

1.3